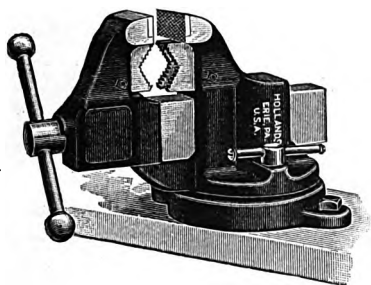
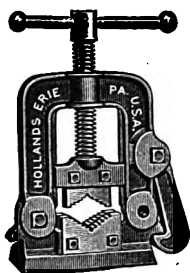


HOLLANDS MFG. CO.**ERIE, PA.****Hollands Combination Vises**

These vises are designed to meet the requirements of steamfitting and other service. The pipe jaws are milled from solid steel bars and can be removed by loosening the set screws. All the pipe jaws are interchangeable and reversible. The swivel base is of the improved type and can be locked at any point and is positive.

No.	Width Jaw Inches	Holds Pipe Inches	Weight Pounds	List Price Each
52	3½	⅛ to 2½	52	\$16.00
53	4¼	⅛ to 3½	78	22.00
54	5	⅛ to 4½	124	32.00
56	6	⅛ to 6	185	45.00

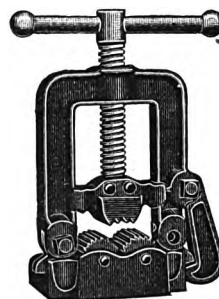
Hollands Malleable Hinged Pipe Vises

Screws are one-piece steel, turned from solid bars, and have acme thread, giving maximum strength and rapidity of action. Pipe jaws are tool steel, milled from solid bars, and oil tempered. The base is flat, with all bracing flanges underneath, making it convenient to use a wrench in fastening with lag screws or bolts.

No.	Pipe Capacity Inches	Weight Pounds	List Price Each
398	⅛ to 1¼	4	\$ 2.50
399	⅛ to 1½	5	3.60
401	⅛ to 2	10	4.25
402	⅛ to 2½	12	5.00
403	⅛ to 3½	18	7.50
404	⅛ to 4½	28	11.00
406	⅛ to 6	55	23.50
408	1 to 8	80	47.50
412	1½ to 12	160	70.00

Keystone Self-Locking Malleable Pipe Vises

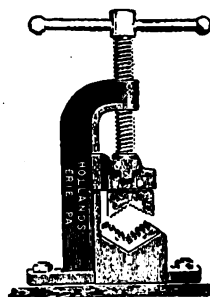
The roller jaw feature gives a much larger gripping surface than "V" jaws, and will not split the pipe. Has drop latch.



No.	Pipe Capacity Inches	Weight Pounds	List Price Each
RL	⅛ to 2½	10	\$ 5.00
RRL	¼ to 3	17	7.20
SL3	¾ to 4	24	10.00

Hollands Open Side Malleable Pipe Vises

The open side feature gives this vise many advantages. Can be used either in upright or horizontal position, and can be fastened to wagon, side of building or post.

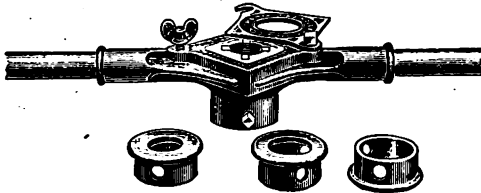


No.	Pipe Capacity Inches	Weight Pounds	List Price Each
1½	⅛ to 2	12	\$ 5.00
2½	⅛ to 4	24	10.00

Hollands Improved Pipe Cutters

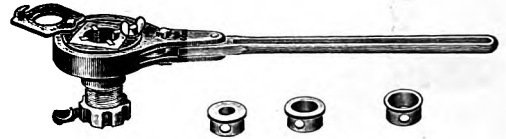
Hollands pipe cutters cover a larger range of sizes per cutter. The wheels and rollers are interchangeable, allowing the use of either in the same frame. The wheels are made of special grade of steel, turned from bar stock, and oil tempered. Guaranteed to remain in alignment.

3-Wheel Type		Roller Type		
No.	Cuts Pipe, Inches	No.	Cuts Pipe, Inches	List Price Each
1W	⅛ to 1¼	1R	⅛ to 1¼	\$4.50
2W	⅜ to 2	2R	½ to 2	6.00
3W	1 to 3½	3R	1¼ to 3	11.00
4W	1 to 4	4R	2 to 4	18.00
5W	2½ to 6	5R	3 to 6	28.00

HOLLANDS MFG. CO.**ERIE, PA.****Hollands Malleable Pipe Stocks
and Solid Dies**

Right-hand dies will always be shipped unless left-hand are specified.

Set Number.....	0	1	1½	1¾	1¾A	2
Pipe Sizes, Dies...	½ to 1½	¾ to 1	¾ to 1½	1 to 1½	¾ to 1½	1½ to 2
Dimension of Dies...	2x½	2½x¾	3x¾	3x¾	3x¾	4x¾
Stock Complete...	\$8.00	\$10.50	\$9.50	\$9.50	\$15.50	\$14.50
Stock Only.....	3.00	3.50	4.00	4.00	4.00	8.50
Extra Dies.....	1.40	1.60	2.00	2.00	2.00	2.50
Extra Bushings....	.30	.40	.60	.60	.60	.75
Extra Die Frames.....		.30	.40	.40	.40	.50

Hollands Malleable Ratchet Pipe Stocks

For solid dies. Easily operated and specially adapted for ditch work or any work in close quarters. The lead screw is used only to start the die and is then released by loosening the thumb screw. Will cut right or left-hand thread.

No.	Pipe Capacity, Inches	Size of Dies, Inches	List Price Complete Set	List Price Stocks Only	List Price Dies Each	List Price Bushings Each
1	½ to 1	2½x2½x¾	\$18.00	\$10.00	\$1.60	\$0.40
1½	¾ to 1½	3 x3 x¾	26.00	12.00	2.00	.60
2	1½ to 2	4 x4 x¾	32.00	16.00	2.50	.75

Babbitt Ladles

Cast Bowl. Wrought Iron Handles

Diam., Inches	Capacity		Weight, Lbs.	Length Over All, Inches	List Price, Each
	Lbs.	Qts.			
6	25	1	7	32	\$2.40
8	50	2	12	45	3.60
10	100	4	20	52	6.00

**Melting Pots**

No. 1—Cast bowl. Wrought iron handle.

Diam., Inches	Depth, Inches	Capacity, Pounds	Weight, Pounds	List Price Each
4	2¼	8	2	\$0.40
5	2¾	10	2½	.50
6	3½	15	4	.70
7	4	20	5	1.00
8	4¾	35	6	1.40
9	5¼	45	10	2.00
10	5¾	70	15	2.80

Plumbers' Malleable Iron Ladles

Double Lipped



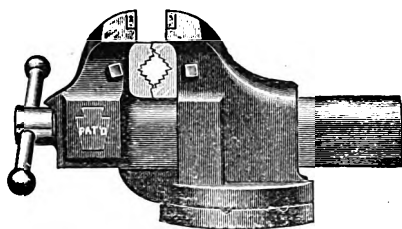
Diam., Inches	Length, Inches	Capacity, Pounds	Weight per Doz.	List Price per Doz.
2½	13	1	9 lbs.	\$2.40
3	13	1½	10 lbs.	3.00
3½	15½	2½	14 lbs.	4.00
4	16	3½	17 lbs.	4.80
5	19	7	24 lbs.	6.00
6	21	12	30 lbs.	7.20

Melting Pots

No. 2—Cast bowl. Wrought iron handle.

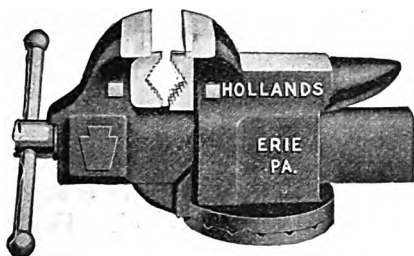


Diam., Inches	Depth, Inches	Capacity, Pounds	Weight, Pounds	List Price Each
12	8¼	135	25	\$4.00
13½	7	160	26	5.40
15	10	250	60	9.00

HOLLANDS MFG. CO.**ERIE, PA.****Keystone Combination Vises**

These Vises are equipped with swivel base. The Pipe Jaws are milled from steel bars and can be removed by loosening the set screws.

No.	Width Jaw	Holds Pipe	Weight	List Price
699	3 in.	1/8 in. to 1 1/2 in.	20 lbs.	\$12.00
700	3 1/2 in.	1/8 in. to 2 in.	40 lbs.	16.00
701	4 1/2 in.	1/8 in. to 3 in.	65 lbs.	22.00
702	5 in.	1/8 in. to 4 in.	110 lbs.	32.00
703	6 in.	1/8 in. to 6 in.	140 lbs.	45.00

Keystone Anvil Vises

This Vise has swivel base and removable steel Pipe Jaws. A very handy tool for plumbing shops, garages and general repair work.

Vise No.	Width of Jaw, Inches	Holds Pipe, Inches	Weight, Pounds	List Price, Each
K-3	3	1/8 to 1 1/2	25	\$12.50
K-3 1/2	3 1/2	1/8 to 2	45	16.50

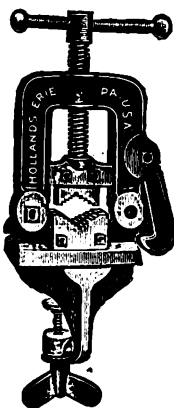
Hollands Malleable Hinged Pipe Vises With Clamp Base

Screws are one-piece steel turned from solid bars and have acme thread, giving maximum strength and rapidity of action.

Pipe Jaws are tool steel milled from solid bars and oil tempered.

The base is equipped with clamp making it convenient to clamp on a bench or post.

Vise No.	Pipe Capacity, Inches	Weight, Pounds	List Price, Each
398-C	1/8 to 1 1/4	6	\$3.50
399-C	1/8 to 1 1/2	8	4.50
401-C	1/8 to 2	11	5.00
402-C	1/8 to 2 1/2	14	6.50

**Barnes Type Three-Wheel Pipe Cutters**

Nos. 1 and 2



Nos. 3, 4, 5, 6 and 7

Guaranteed best material and workmanship. All parts are interchangeable with other standard makes of Barnes Cutters.

List

Size	Cuts Pipe Inches	Complete
No. 0	1/8 to 3/4	\$ 4.00
No. 1	1/8 to 1	4.50
No. 2	1/2 to 2	6.00
No. 3	1 1/2 to 3	10.00
No. 4	2 1/2 to 4	20.00
No. 5	4 to 6	30.00
No. 6	6 to 8	40.00
No. 7	9 to 12	50.00

Extra Parts

Size	Wheels	Pins, Doz.	Hooks	Slides	Nuts	Handles
No. 0	\$.25	\$1.00	\$1.75	\$.75	\$.25	\$ 1.00
No. 1	.25	1.00	1.75	.75	.25	1.00
No. 2	.30	1.00	2.60	1.00	.25	1.25
No. 3	.40	1.00	4.55	2.00	Nut and	2.25
No. 4	.50	2.00	9.50	4.50	Hook	4.50
No. 5	.75	2.00	13.75	7.00	one-piece	7.00
No. 6	.75	2.00	10.00	8.50	in these	9.25
No. 7	.75	2.00	25.00	11.25	sizes	11.50

Saunders' Type Roller Pipe Cutters

These cutters are of the Saunders type, with two rollers in the frame and a cutting wheel in the block. They are of the best material and workmanship, and all parts guaranteed. Parts are interchangeable with all standard makes.

List

Size	Cuts Pipe, Inches	Complete
No. 1	1/4 to 1	\$ 3.00
No. 2	1 to 2	4.50
No. 3	2 to 3	11.00
No. 4	2 1/2 to 4	18.00
No. 5	4 to 6	28.00

Extra Parts

Size	Block and Wheel	Wheels	Rollers	Pins	Handle
No. 1	\$1.25	\$0.24	\$0.24	\$0.10	\$1.00
No. 2	1.75	.32	.32	.10	1.25
No. 3	2.75	.60	.50	.15	2.25
No. 4	3.50	.60	.50	.15	4.50
No. 5	4.00	.60	.60	.15	7.00